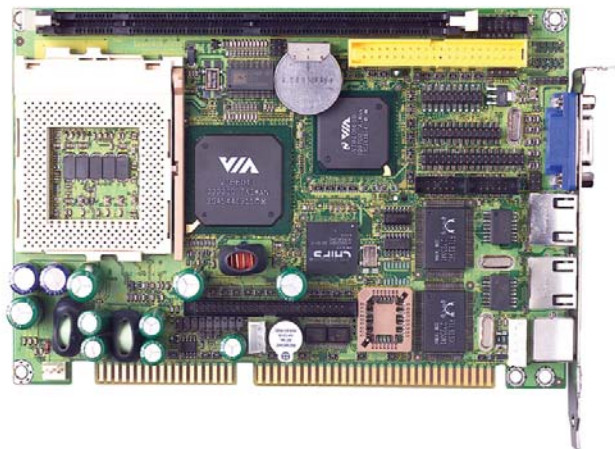# EmCORE-i614

Half Size ISA Intel Pentium III Tualatin Socket 370 Tualatin SBC with CRT, Audio & Dual LAN

Features

* Intel Pentium III Tualatin CPU up to 1.26Ghz
* SDRAM up to 512MB (DIMM)
* 2X AGP SVGA for CRT
* Dual 10/100 Mbps LAN, RTL8139C
* Audio support

System

CPU	Intel Pentium III Tualatin Socket 370 CPU up to 1.26Ghz
	FSB100/133Mhz
Memory	1 x 168Pin DIMM up to 512MB SDRAM
Chipset	VIA VT8601T + VIA VT82686B
BIOS	Phoenix - AWARD PnP Flash BIOS
ATA / IDE	1 x Ultra DMA 100, support 2 IDE drives
Watchdog Timer	127-level Reset
Flash Disk	1 x Type II Compact Flash Disk socket

I/O

Serial Port	1 x RS-232 port (COM1)
	1 x RS-232/422/485 port (COM2)
Parallel Port	SPP/EPP/ECP mode
Floppy	Floppy shared with parallel port
	can be implemented on the carrier board (2nd I/O)
	can be use external USB Floppy
IrDA	1 x SIR IrDA 1.1 compliant
USB Port	4 x USB 1.1 compliant
KB/MS	1 x PS2 K/B and Mouse
Digital I/O	8bit Digital Input/Output

Ethernet

Chipset	2 x Realtek 8139C 10/100base-T
Connector	2 x external RJ45 on bracket

Audio

Codec / Interface	Realtek ALC202A AC97 Codec, support Mic-in / Line-in / Line-out / CD audio-in

Display

Graphics Chipset	Trident Blade3D AGP 2X Graphics Engine integrated in VT8601T up to 8MByte UMA Video RAM
Graphics Interface	CRT support up to 1280 x 1024

Mechanical and Environmental

Power Consumption	EmCORE-i614 VLC/1.26Ghz
	5V/5A, 12V/0.02A (Max.)
Operating Temperature	0° ~ 60°C (32 ~ 140F)
Operating Humidity	0% ~ 90%, non-condensing
Dimension (L x W)	185 x 122 mm (7.3" x 4.8")
Weight	0.26kg (0.57 lb)

Ordering Information

EmCORE-i614VL2	Half size ISA Intel Pentium III socket 370 Tualatin SBC with CRT, Audio & Dual LAN	
ISA Passive Backplane series		Page 10-19
Half size Wallmount Chassis for ISA Bus series		Page 10-6